REMARKS

Applicants appreciate the detailed examination evidenced by the Final Office Action. Independent Claims 1, 9, and 17 have been amended to include the recitations of dependent Claims 5, 13, and 21. Claims 5, 13, and 21 have been canceled. Applicants submit that the pending claims are patentable over the cited references for the reasons provided below.

Amended Independent Claims 1, 9, and 17 Are Patentable Over Milleker

Amended independent Claim 1 has been amended to recite, in part:

> 1.   A computer program product for efficiently extracting data from a data stream, the computer program product embodied on one or more computer-readable media and comprising:
>   computer-readable program code for defining two or more data extraction rules, each of the rules comprising one or more rule components;
> ...
>   computer-readable program code for extracting data from the incoming data, upon detecting the matching rule, according to the matching rule; and
>   computer-readable program code for storing the extracted data in an extensible document which is created according to the tags and structure of a selected one of the templates that is associated with the matching rule, wherein the components of the matching rule specify attribute patterns that comprise at least one of a color attribute, an input-inhibited attribute, and a reverse video attribute.

Accordingly, the components of the matching rule specify attribute patterns that comprise at least one of a color attribute, an input-inhibited attribute, and a reverse video attribute. As noted above, this recitation was formerly included in Claim 5.

In rejecting Claim 5, the Final Office Action cites to Column 6, lines 15-20 of Milleker as disclosing a rule for "identifying and transforming data elements and attribute patterns; and that at least one of a color attribute, an input-inhibited attribute, and a reverse video attribute." (Final Office Action, Page 6). However, the relied-upon portion of Milleker recites the following:

> Rate information fields are fields that are a specialized form of derivation rules that use name/value pairs. Unlike basic derived fields that rely on class names

              to find attributes in the object model, data values are used to search for rate
attributes in the object model.
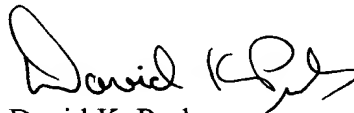(Milleker, Col. 6, lines 15-20).

Applicants submit that, as shown above, Milleker is devoid of any teaching of rules
that specify attribute patterns that comprise at least one of a color attribute, an input-
inhibited attribute, and a reverse video attribute, as they are recited in amended Claim
1. For at least these reasons, Applicants respectfully submit that Claim 1 is patentable
over Milleker. Accordingly, Applicants request reconsideration and withdrawal of the
rejection of now amended Claim 1.

              Independent Claims 9 and 17 contain similar features to Claim 1, and are
submitted to be patentable over Milleker for at least the reasons provided above for
Claim 1.

CONCLUSION

              Applicants respectfully request entry of the present claim amendments as
placing the claims in condition for allowance, or alternatively as placing the claims in
better condition for appeal and narrowing the issues for further consideration on
appeal. No new issues are raised by the present claim amendments. In light of the
above amendments and remarks, Applicants respectfully submit that the above-
entitled application is now in condition for allowance. Favorable reconsideration of
this application, as amended, is respectfully requested. If, in the opinion of the
Examiner, a telephonic conference would expedite the examination of this matter, the
Examiner is invited to call the undersigned attorney at (919) 854-1400.

Respectfully submitted,

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